DATE 11/28/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000023894

APPLICANT MIKE TAYLOR PHONE 454-7489

ADDRESS 1181 SW BARNEY ST HIGH SPRINGS FL 32643

OWNER MIKE & DARLA TAYLOR PHONE 454-7489

ADDRESS 1181 SW BARNEY ST HIGH SPRINGS FL 32648

CONTRACTOR RONNIE NORRIS PHONE 752-3871

LOCATION OF PROPERTY 441 SOUTH, TR ON BARNEY ST, 1 1/4 MILES ON RIGHT,
2 MAILBOXES, SILVER & BLACK, MOTOR HOME IN FRONT

TYPE DEVELOPMENT MH,UTILITY ESTIMATED COST OF CONSTRUCTION .00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT .00 STORIES _____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING A-3 MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 05-7S-17-09918-105 SUBDIVISION SUNNYDALE FARMS

LOT 5 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

		IH0000049	Michael O. Taylor
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

EXISTING	05-1157-E	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 548

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by Slab _____ date/app. by Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by Pool _____ date/app. by

Reconnection _____ date/app. by Pump pole _____ date/app. by Utility Pole _____ date/app. by

M/H Pole _____ date/app. by Travel Trailer _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ .00 CERTIFICATION FEE $ .00 SURCHARGE FEE $ .00

MISC. FEES $ 200.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ .00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ _____ **TOTAL FEE** 275.00

INSPECTORS OFFICE _____ CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Cl# 548 left message 11/15/05

PERMIT APPLICATION / MANUFACTURED HOME INSTALLATION APPLICATION

For Office Use Only (Revised 6-23-05) Zoning Official BLK 11.11.05 Building Official OK JTH 11-9-05

AP# 0511-32 Date Received 11/8/05 By CJ Permit # 23894

Flood Zone _____ Development Permit N/A Zoning A-3 Land Use Plan Map Category A3

Comments ~~NEED Septic Site Plan showing Setbacks to Property Lines & Well~~ #04-09 NEED STORM attached

STUP WAS applied for for mother-in-law & Approved

FEMA Map# _____ Elevation _____ Finished Floor _____ River _____ In Floodway _____

☑ Site Plan with Setbacks Shown ☐ EH Signed Site Plan (NEED) ☑ EH Release ☐ Well letter ☐ Existing well

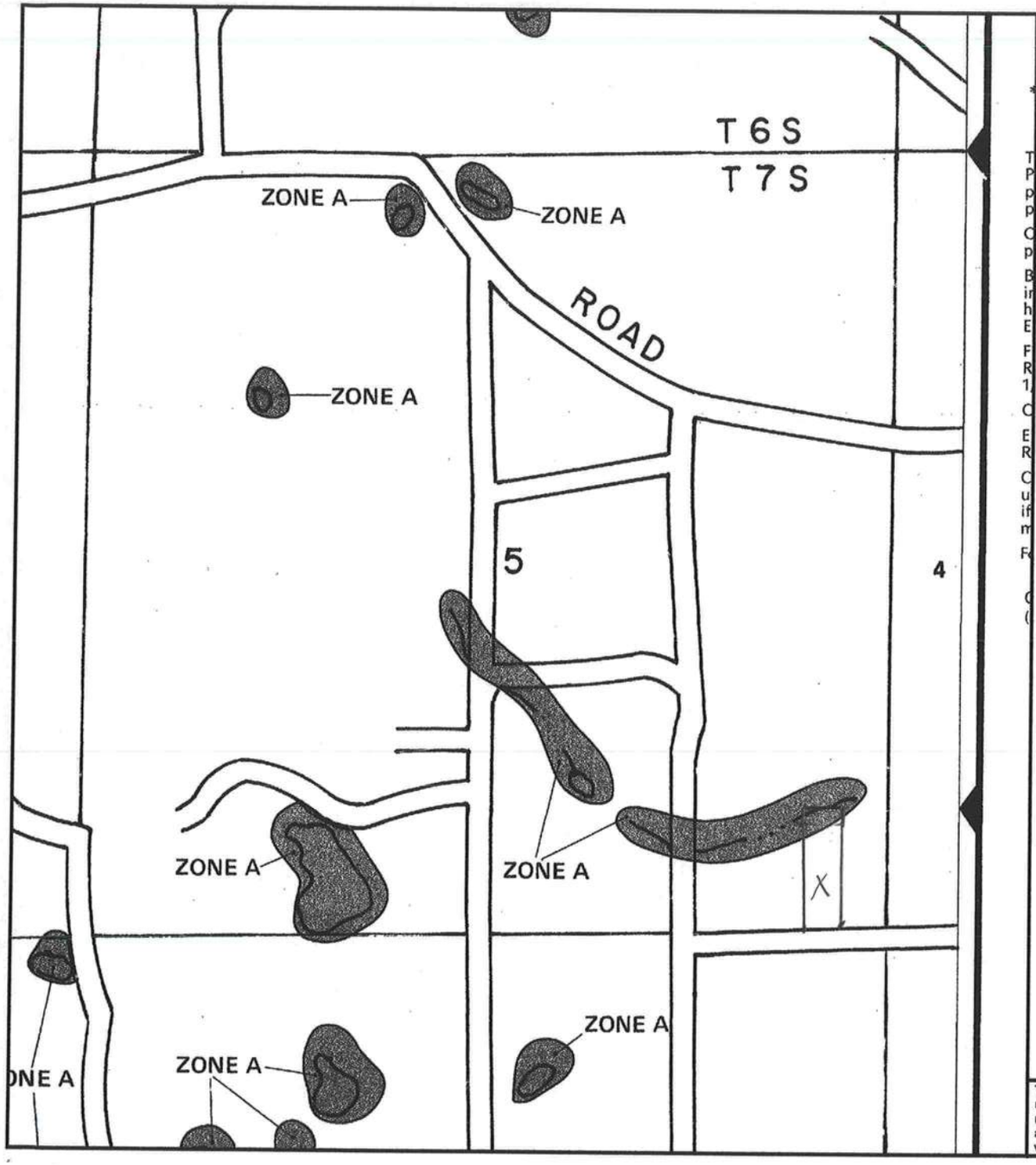
☑ Copy of Recorded Deed or Affidavit from land owner ☐ Letter of Authorization from installer

- Property ID # 05-7S-17-09918-105 (Sunnydale Farms, lot 5) Must have a copy of the property deed
- New Mobile Home X Used Mobile Home _____ Year 2005
- Applicant Darla J. Taylor Phone # 386-454-7489
- Address 1181 SW Barney St, High Springs, FL 32643
- Name of Property Owner Darla J. Taylor Phone# 386-454-7489
- 911 Address 1181 SW Barney St., High Springs FL. 32643
- Circle the correct power company - (Circle One) - FL Power & Light - **Clay Electric** - Suwannee Valley Electric - Progress Energy
- Name of Owner of Mobile Home Mike & Darla Taylor Phone # 386-454-7489
  Address 1181 SW Barney St., High Springs, FL. 32643
- Relationship to Property Owner Owner
- Current Number of Dwellings on Property 2
- Lot Size 4.01 Total Acreage 4.01 acre
- Do you : Have an **Existing Drive** or need a Culvert Permit or a Culvert Waiver (Circle one)
- Is this Mobile Home Replacing an Existing Mobile Home yes (Pd)
- Driving Directions to the Property 441 South to Barney St., Right 1/4 miles on right, 2 mailboxes, Silver & Black, with motor home.

- Name of Licensed Dealer/Installer Ronnie Norris. Phone # 752 3871
- Installers Address 1004 SW Chowtefi Dr
- License Number IH0000049 Installation Decal # 253647

```
@ CAM112M01     S  CamaUSA Appraisal System                    Columbia County
11/08/2005 17:47   Legal Description Maintenance    21998  Land  003
Year T Property    * PRIOR YEAR *          Sel               AG    000
2005 R 05-7S-17-09918-105                  ...    33539  Bldg  001  *
       1181 BARNEY ST SW                                     Xfea  000  *
HX     TAYLOR DARLA J GUZMAN                      55537  TOTAL       B*

  1  LOT 5 SUNNYDALE FARMS S/D.       ORB 745-664.                    2
  3                                                                   4
  5                                                                   6
  7                                                                   8
  9                                                                  10
 11                                                                  12
 13                                                                  14
 15                                                                  16
 17                                                                  18
 19                                                                  20
 21                                                                  22
 23                                                                  24
 25                                                                  26
 27                                                                  28
                                                 Mnt 12/30/1997 TERR
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```



N

APPROXIMATE SCALE IN FEET

1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

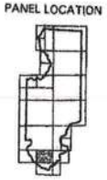
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 260 OF 290

PANEL LOCATION



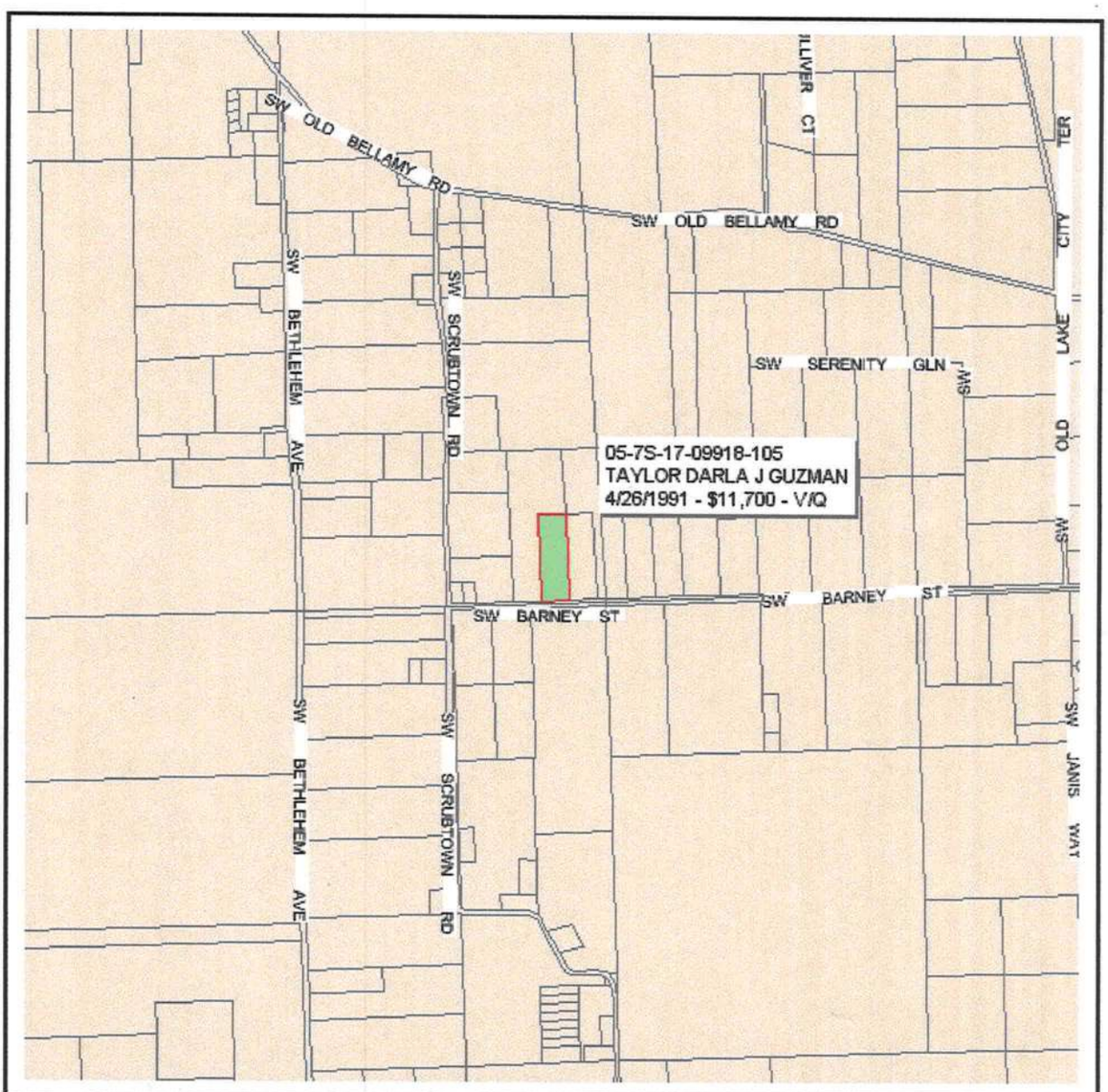
COMMUNITY-PANEL NUMBER
120070 0260 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 11/9/2005 (printed at scale and type A)



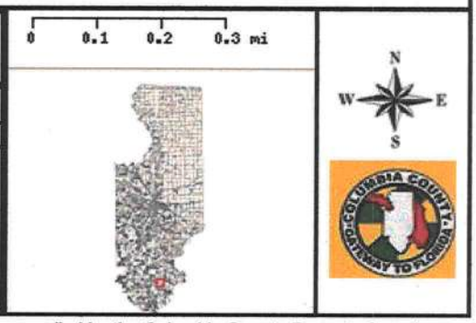
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 05-7S-17-09918-105 HX - MOBILE HOM (000200)

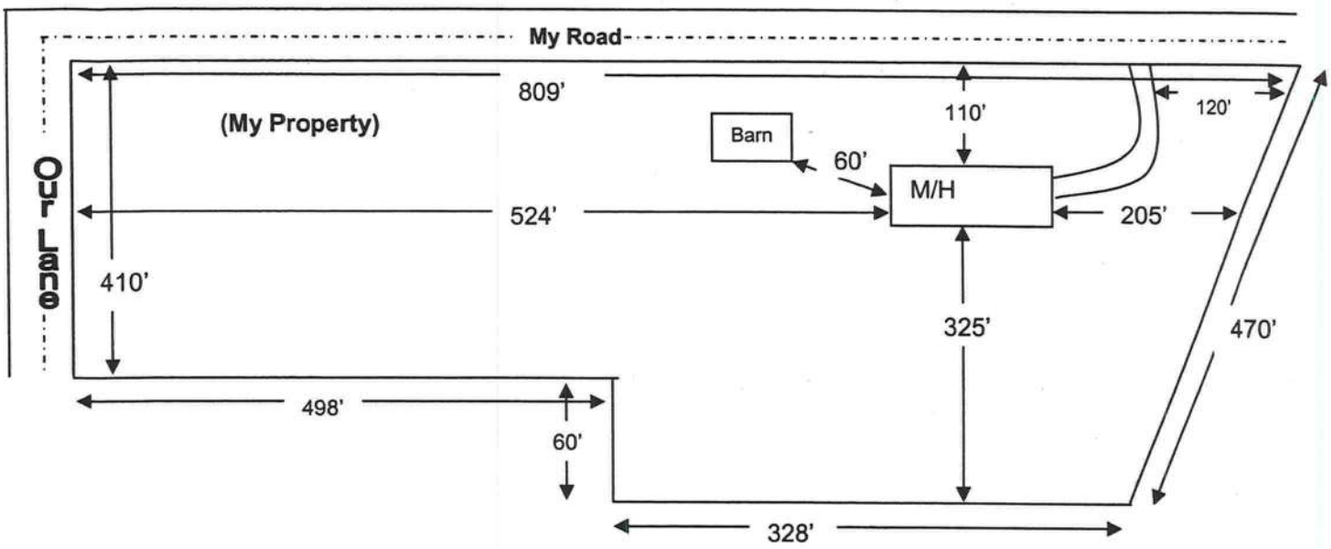
LOT 5 SUNNYDALE FARMS S/D. ORB 745-664.

Name:	TAYLOR DARLA J GUZMAN	LandVal	$21,998.00
Site:	BARNEY	BldgVal	$33,539.00
Mail:	1181 SW BARNEY ST HIGH SPRINGS, FL 32643	ApprVal	$55,537.00
		JustVal	$55,537.00
Sales Info	4/26/1991 $11,700.00 V / Q	Assd	$37,208.00
		Exmpt	$25,000.00
		Taxable	$12,208.00

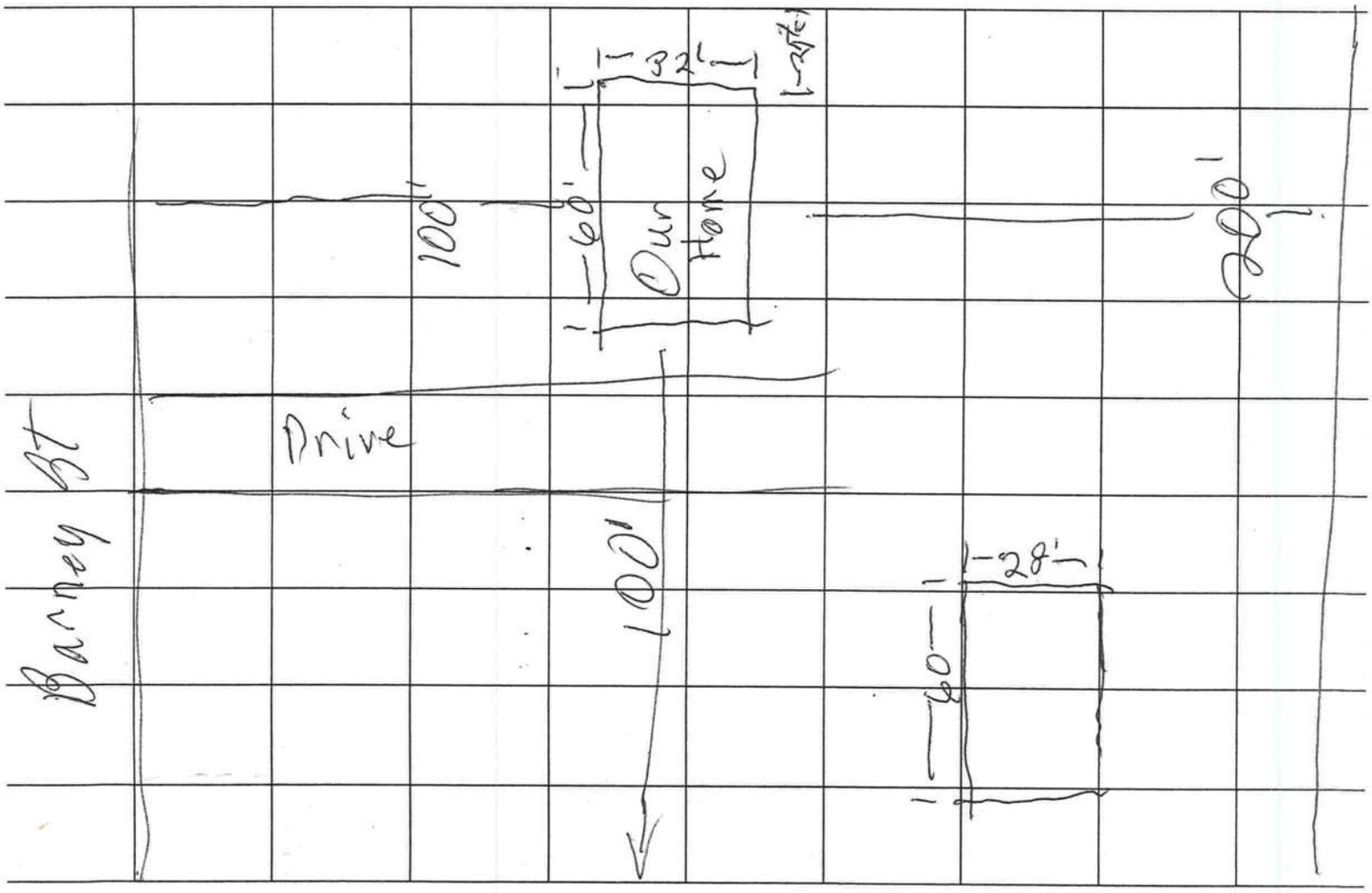


This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

SITE PLAN EXAMPLE / WORKSHEET



Use this example to draw your own site plan. Show all existing buildings and any other homes on this property and show the distances between them, Also show where the roads or roads are around the property. <u>This site plan can also be used for the 911 Addressing department if you include the distance from the driveway to the nearest property line.</u>



LETTER OF AUTHORIZATION TO PULL PERMITS

I, Ronnie Morris, DO HEREBY GRANT

Micheal Taylor, AUTHORIZATION TO PULL THE NECESSARY

PERMITS REQUIRED FOR THE DELIVERY AND SET OF A MANUFACTURED

HOME IN Columbia COUNTY, FLORIDA.

Signature

THIS FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS

8th DAY OF November, 2005, BY

Ronnie Norris, WHO IS PERSONALLY KNOWN TO ME.

STATE OF FLORIDA
COUNTY OF Columbia

Rebecca L. Gallina
NOTARY PUBLIC

REBECCA L. GALLINA
MY COMMISSION # DD 253343
EXPIRES: September 25, 2007
Bonded Thru Notary Public Underwriters
(STAMP)

MOBILE HOME INSTALLER AFFIDAVIT

As per Florida Statutes Section 320.8249 Mobile Home Installers License:

Any person who engages in mobile home installation shall obtain a mobile home Installer's license from the Bureau of Mobile Home and Recreational Vehicle Construction of the Department of Highway Safety and Motor Vehicles pursuant to this section. Said license shall be renewed annually, and each licensee shall pay a fee of $150.00.

I, Ronnie Nork, license number IH 0000049
Please Print

Do hereby state that the installation of the manufactured home for:
Micheal Taylor at 11181 SW Barney St., High Springs
Applicant 911 Address

will be done under my supervision.

Signature

Sworn to and subscribed before me this 8th day of November, 2005.

Notary Public: Rebecca L. Gallina
Signature

My Commission Expires:

REBECCA L. GALLINA
MY COMMISSION # DD 253343
EXPIRES: September 25, 2007
Bonded Thru Notary Public Underwriters

AFFIDAVIT

I Certify that the following described mobile home being placed on the referenced parcel is not a Wind Zone 1 mobile home.

Customer Name: Micheal & Darla Taylor

Property ID: Sec:_____ Twp:_____ Rge:_____ Tax Parcel No:_____

Lot:_____ Block_____ Subdivision:_____

Moible Home Year/Make: 2006 Skyline Size: 82' x 60'

Ronnie Norris
Signature of Mobile Home Installer

Sworn to and subscribed before me this 8th day of November, 2005

By Ronnie Norris.

REBECCA L. GALLINA
MY COMMISSION # DD 253343
EXPIRES: September 25, 2007
Bonded Thru Notary Public Underwriters

Notary's name printed/typed

Rebecca L. Gallina
Notary Public, State of Florida
Commission No. DD 253343
Personally Known: ✓
Id Produced (type)_____

PERMIT WORKSHEET

PERMIT NUMBER _____

Installer RONNIE NORRIS License # _____

Address of home being installed _____

Manufacturer _____ Length x width _____

NOTE: ***if home is a single wide fill out one half of the blocking plan***
if home is a triple or quad wide sketch in remainder of home

I understand Lateral Arm Systems cannot be used on any home (new or used) where the sidewall ties exceed 5 ft 4 in.

Installer's initials W.

New Home ☒ Used Home ☐

Home installed to the Manufacturer's Installation Manual ☒

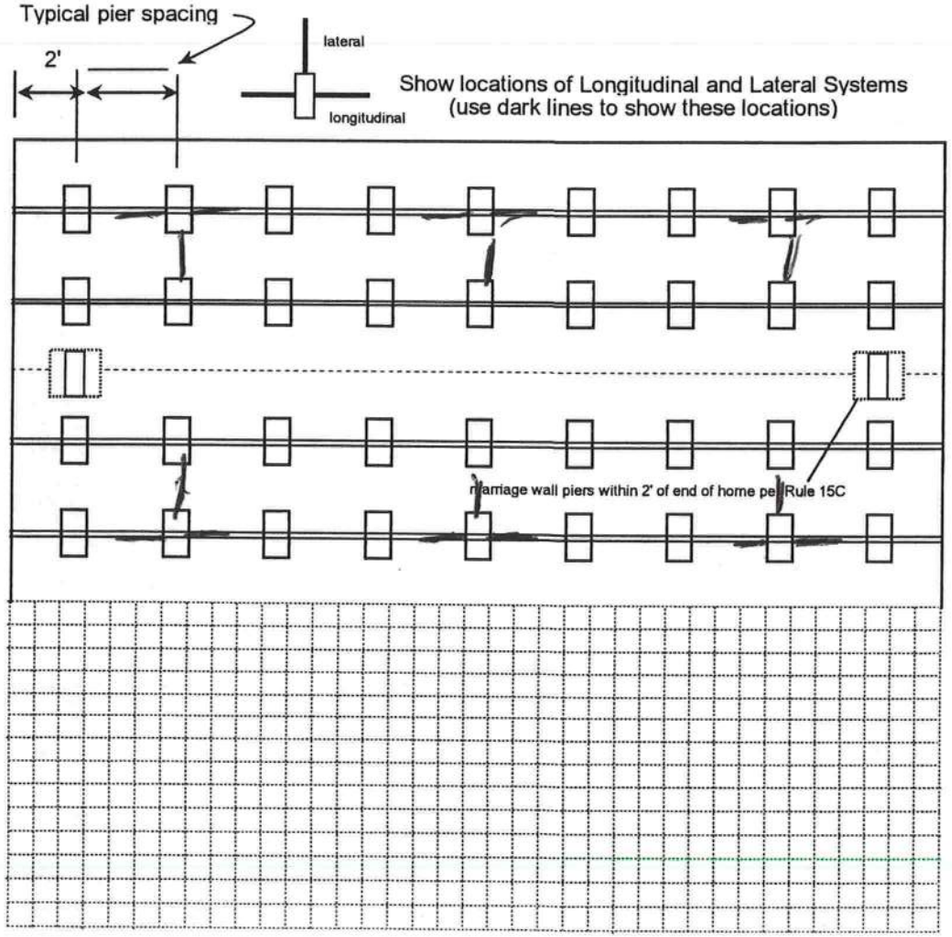
Home is installed in accordance with Rule 15-C ☐

Single wide ☐ Wind Zone II ☒ Wind Zone III ☐

Double wide ☒ Installation Decal # 253647

Triple/Quad ☐ Serial # 20-62-0154-U A/B

Typical pier spacing



PIER SPACING TABLE FOR USED HOMES

Load bearing capacity	Footer size (sq in)	16" x 16" (256)	18 1/2" x 18 1/2" (342)	20" x 20" (400)	22" x 22" (484)*	24" X 24" (576)*	26" x 26" (676)
1000 psf		3'	4'	5'	6'	7'	8'
1500 psf		4' 6"	6'	7'	8'	8'	8'
2000 psf		6'	8'	8'	8'	8'	8'
2500 psf		7' 6"	8'	8'	8'	8'	8'
3000 psf		8'	8'	8'	8'	8'	8'
3500 psf		8'	8'	8'	8'	8'	8'

* interpolated from Rule 15C-1 pier spacing table.

PIER PAD SIZES

I-beam pier pad size 17X22

Perimeter pier pad size 16X16

Other pier pad sizes (required by the mfg.) 17X22

Draw the approximate locations of marriage wall openings 4 foot or greater. Use this symbol to show the piers.

List all marriage wall openings greater than 4 foot and their pier pad sizes below.

Opening	Pier pad size
8	20X20
6	17X22
4	16X16

TIEDOWN COMPONENTS

Longitudinal Stabilizing Device (LSD)
Manufacturer

Longitudinal Stabilizing Device w/ Lateral Arms
Manufacturer

POPULAR PAD SIZES

Pad Size	Sq In
16 x 16	256
16 x 18	288
18.5 x 18.5	342
16 x 22.5	360
17 x 22	374
13 1/4 x 26 1/4	348
20 x 20	400
17 3/16 x 25 3/16	441
17 1/2 x 25 1/2	446
24 x 24	576
26 x 26	676

ANCHORS

4 ft 5 ft

FRAME TIES

within 2' of end of home spaced at 5' 4" oc

OTHER TIES

	Number
Sidewall	22
Longitudinal	6
Marriage wall	4
Shearwall	4

PERMIT WORKSHEET

PERMIT NUMBER _____

POCKET PENETROMETER TEST

The pocket penetrometer tests are rounded down to ~~1000~~ 1500 psf or check here to declare 1000 lb. soil without testing.

x 1500 x 1600 x 1500

POCKET PENETROMETER TESTING METHOD

1. Test the perimeter of the home at 6 locations.
2. Take the reading at the depth of the footer.
3. Using 500 lb. increments, take the lowest reading and round down to that increment.

x 1500 x 2000 x 1500

TORQUE PROBE TEST

The results of the torque probe test is 285 inch pounds or check here if you are declaring 5' anchors without testing . A test showing 275 inch pounds or less will require 4 foot anchors.

Note: A state approved lateral arm system is being used and 4 ft. anchors are allowed at the sidewall locations. I understand 5 ft anchors are required at all centerline tie points where the torque test reading is 275 or less and where the mobile home manufacturer may requires anchors with 4000 lb holding capacity.

_____ Installer's initials

ALL TESTS MUST BE PERFORMED BY A LICENSED INSTALLER

Installer Name _____

Date Tested 11-4-05

Electrical

Connect electrical conductors between multi-wide units, but not to the main power source. This includes the bonding wire between mult-wide units. Pg.

Plumbing

Connect all sewer drains to an existing sewer tap or septic tank. Pg.

Connect all potable water supply piping to an existing water meter, water tap, or other independent water supply systems. Pg.

Site Preparation

Debris and organic material removed ✓
Water drainage: Natural Swale ✓ Pad Other

Fastening multi wide units

Floor: Type Fastener: Lag Length: 6 Spacing: 24
Walls: Type Fastener: n/a Length: 6 Spacing: 48-60
Roof: Type Fastener: Lag Length: 6 Spacing: 24

For used homes a min. 30 gauge, 8" wide, galvanized metal strip will be centered over the peak of the roof and fastened with galv. roofing nails at 2" on center on both sides of the centerline.

Gasket (weatherproofing requirement)

I understand a properly installed gasket is a requirement of all new and used homes and that condensation, mold, meldew and buckled marriage walls are a result of a poorly installed or no gasket being installed. I understand a strip of tape will not serve as a gasket.

Installer's initials

Type gasket
Pg.

Installed:
Between Floors Yes
Between Walls Yes
Bottom of ridgebeam Yes

Weatherproofing

The bottomboard will be repaired and/or taped. Yes . Pg.
Siding on units is installed to manufacturer's specifications. Yes
Fireplace chimney installed so as not to allow intrusion of rain water. Yes

Miscellaneous

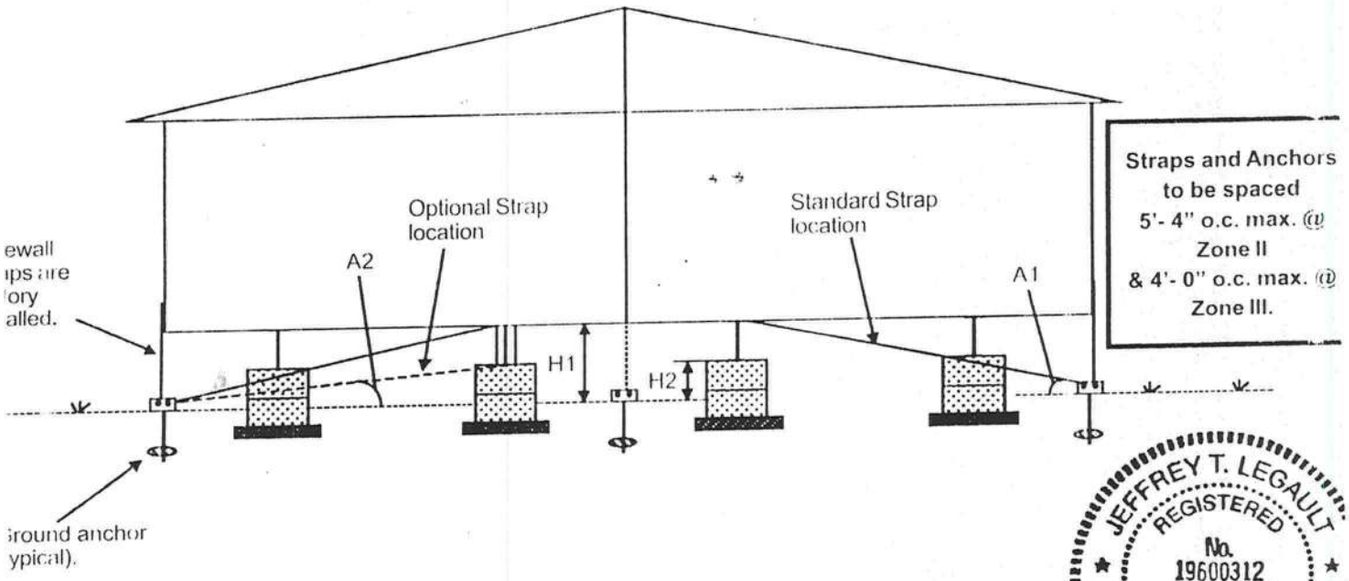
Skirting to be installed. Yes No
Dryer vent installed outside of skirting. Yes N/A
Range downflow vent installed outside of skirting. Yes N/A
Drain lines supported at 4 foot intervals. Yes
Electrical crossovers protected. Yes
Other : _____

Installer verifies all information given with this permit worksheet is accurate and true based on the manufacturer's installation instructions and or Rule 15C-1 & 2

Installer Signature _____ **Date** 11-8-05

TIE-DOWN DETAILS FOR 5/12 ROOF PITCH DOUBLE WIDES AT WIND ZONE II & III

TABLE 6A



WIND ZONE II (100 mph)				
Unit Width	H (max.)	H (min.)	Angle (max.)	Angle (min.)
24'	48"	12"	23.2 degrees	6.12 degrees
26'	48"	12"	20.3 degrees	6.12 degrees
28'	48"	12"	20.3 degrees	5.28 degrees
32'	48"	12"	18.96 degrees	4.91 degrees

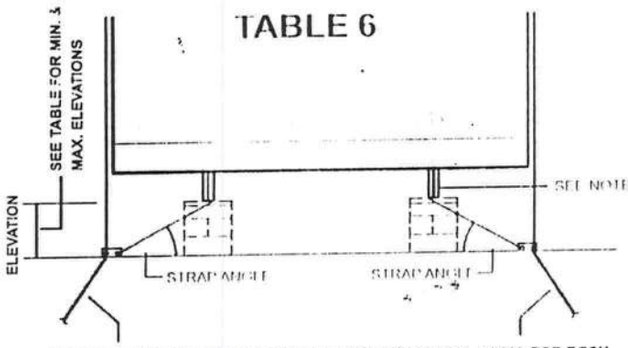
WIND ZONE III (110 mph)				
Unit Width	H (max.)	H (min.)	Angle (max.)	Angle (min.)
24'	48"	12"	25.2 degrees	6.12 degrees
26'	48"	12"	20.3 degrees	6.12 degrees
28'	48"	12"	20.3 degrees	5.28 degrees
32'	48"	12"	18.96 degrees	4.91 degrees

NOTES:

1) Straps and anchors to be rated for 3150 lbs. of working stress (min.).
2) Use H1 and A1 for standard strap location. Use H2 and A2 for optional strap location.
3) See page 25 for strap material specification, connection to I-Beam and other setup information.
4) The A-B chance strap seal device depicted by Fig. 5-12 may be used as directed for attaching the required doublewide centerline straps to ground anchors.

STANDARD TIE-DOWN DETAILS

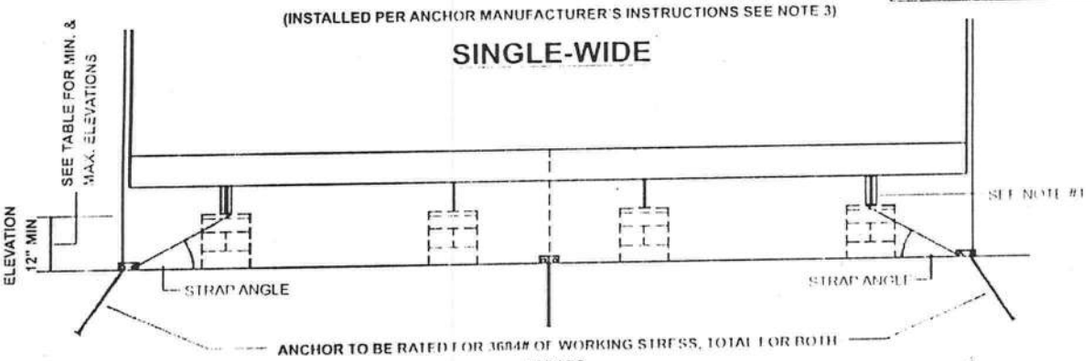
TABLE 6



INSTALL STRAP & ANCHORS
6'-8" @ ZONE II
5'-4" @ ZONE III
&
4'-0" @ ZONE II & III
FOR SHED ROOF
SINGLEWIDES
SEE TABLE FOR ELEVATION & STRAP ANGLE LIMITATIONS

ANCHOR TO BE RATED FOR 3684# OF WORKING STRESS, TOTAL FOR BOTH STRAPS.
(INSTALLED PER ANCHOR MANUFACTURER'S INSTRUCTIONS SEE NOTE 3)

SINGLE-WIDE



ANCHOR TO BE RATED FOR 3684# OF WORKING STRESS, TOTAL FOR BOTH STRAPS.
(INSTALLED PER ANCHOR MANUFACTURER'S INSTRUCTIONS SEE NOTE 3)

DOUBLE-WIDE

WIDE RESULTS FOR 12' HALF OF 22' WIDE DOUBLE WIDES

WIDTH	WIND ZONE II		WIND ZONE III	
	MIN. & MAX. ELEVATION	MIN. & MAX. DIAGONAL STRAP ANGLE	MIN. & MAX. ELEVATION	MIN. & MAX. DIAGONAL STRAP ANGLE
12'	14" TO 25"	25° TO 40°	14" TO 26"	25° TO 41°
14'	12" TO 27"	20.5° TO 40°	12" TO 28"	20.5° TO 41°
12' SHED ROOF	25.2" TO 34.6"	41° TO 50°	25.2" TO 34.6"	41° TO 50°
14' SHED ROOF	23.4" TO 38.4"	36° TO 50°	23.4" TO 38.4"	36° TO 50°
16'	16" TO 36"	20.5° TO 40°	15.5" TO 38"	19.5° TO 41°
18'	20" TO 44"	20.5° TO 40°	19" TO 47"	19.5° TO 41°
20' OR 22' *	12" TO 15"	34° TO 40°	12" TO 16"	34° TO 42°
24'	12" TO 22"	24.5° TO 40°	12" TO 23.5"	24.5° TO 42°
28'	12" TO 23.5"	23° TO 40°	12" TO 25.5"	23° TO 42°
32'	12" TO 33"	16.6° TO 39.3°	12" TO 36"	16.6° TO 41.8°
16' SHED ROOF	21" TO 27.5"	25.9° TO 32.4°	21" TO 27.5"	25.9° TO 32.4°

RAP MATERIAL SPECIFICATION, CONNECTION TO FRAME I BEAM & OTHER SETUP INFORMATION, REFER TO SKYLINE INSTALLATION
L.

ICHORING SYSTEMS, THE INSTRUCTIONS SHALL INDICATE: A) THE MINIMUM ANCHOR CAPACITY REQUIRED. B) ANCHORS SHOULD BE
IED BY PROFESSIONAL ENGINEER, ARCHITECT, OR A NATIONALLY RECOGNIZED TESTING LABORATORY AS TO THEIR RESISTANCE.
ON THE MAXIMUM ANGLE OF DIAGONAL TIE AND/OR VERTICAL TIE LOADING AND ANGLE OF ANCHOR INSTALLATION, AND TYPE OF SO
CH THE ANCHOR IS TO BE INSTALLED; C) GROUND ANCHORS SHOULD BE EMBEDDED BELOW THE FROST LINE AND BE AT LEAST 2
ABOVE THE WATER TABLE; D) GROUND ANCHORS SHOULD BE INSTALLED TO THEIR FULL DEPTH, AND STABILIZER PLATES SHOULD
LED TO PROVIDE ADDED RESISTANCE TO OVERTURNING OR SLIDING FORCES. E) ANCHORING EQUIPMENT SHOULD BE CERTIFIED BY
SSIONAL ENGINEER OR ARCHITECT TO RESIST THESE SPECIFIED FORCES IN ACCORDANCE WITH TESTING PROCEDURES IN ASTM
ARD SPECIFICATION FOR STRAPPING, FLAT STEEL AND SEALS.

RS RATED @ 3150# OF WORKING STRESS TOTAL FOR BOTH STRAPS, MAY BE USED IF STRAP & ANCHOR SPACING IS REDUCED TO 5'-
) ZONE II AND 4'-6" @ WIND ZONE III. STRAPS AND ANCHORS MAY BE INSTALLED 4'-0" O.C. ON SHED ROOF SINGLEWIDES WITH
RS RATED @ 3150#.

CHANCE STRAP SEAL DEVICE DEPICTED BY FIG. 5-12 MAY BE USED AS DIRECTED FOR ATTACHING THE REQUIRED DOUBLEWIDE
RLINE STRAPS TO GROUND ANCHORS.

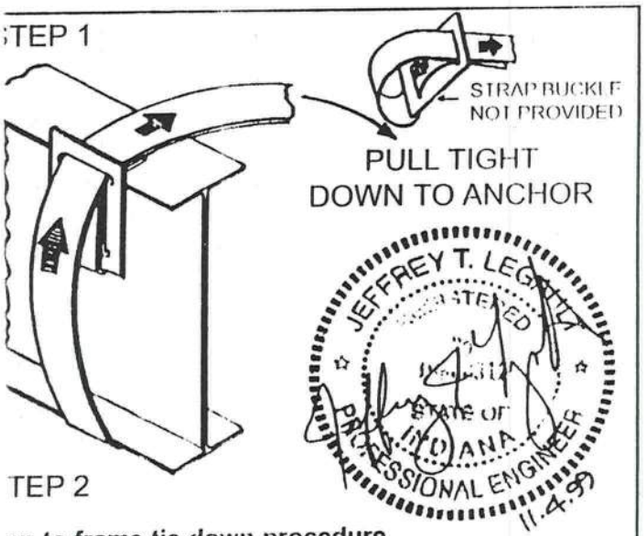
ARD TIE-DOWN DETAILS ARE NOT APPLICABLE TO 5/12 ROOF PITCH DOUBLEWIDES @ WIND ZONE II & III

SKYLINE CORP.

MANUFACTURED HOME TIE-DOWN INSTRUCTIONS (Continued)

TIONAL OVER-THE-ROOF STRAP PROCEDURE

over-the-roof straps are provided (optional on all homes) / may be connected to ground anchors as specified in the wing procedure in order to achieve additional stability in eme winds. Note that the frame tie-down procedure on e 25 is still mandatory.



ap to frame tie-down procedure

Beam attachment device may be run to top or bottom of I- if device is approved in that manner

FIG. 5-9

Materials not furnished with the home which will be nec sary to properly connect the over-the-roof straps are:

1. Ground anchors capable of withstanding at least 4,750 pound pull when installed in the soil at the site.
2. Strap end connection devices (See Fig. 5-10).

THE HOME MUST BE IN ITS FINAL LEVEL POSITION WITH FRAME TIES INSTALLED BEFORE CONNECTIN THE OVER-THE-ROOF STRAPS.

The procedure for over-the-roof strap installation is as follows:

1. Position and install the ground anchors so that the stra will be vertical after attachment to the anchor. The ancho may be installed slightly beneath the home to avoid interfe ence with skirting (See Fig. 5-11).
2. Insert the minuteman connector yoke through the eye i the anchor and insert slotted bolt through the yoke.
3. Place end of strap through slotted bolt and remove sla by turning bolt. DO NOT TENSION UNTIL BOTH ENDS STRAP ARE CONNECTED.
4. Tension and lock minuteman connector in position; cor instructions furnished with connectors.
5. Check strap tension (See step 4 under frame tie-down procedure).
6. For double-wide homes see Fig. 5-12 for the splice co nection at the centerline.

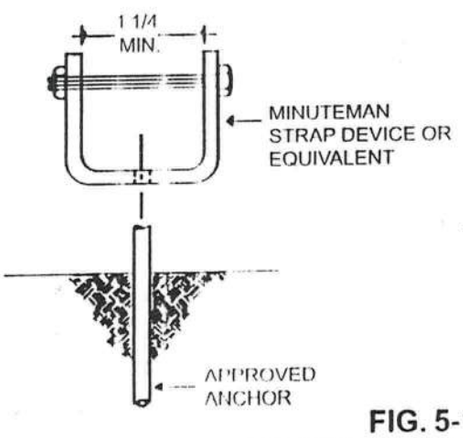


FIG. 5-10

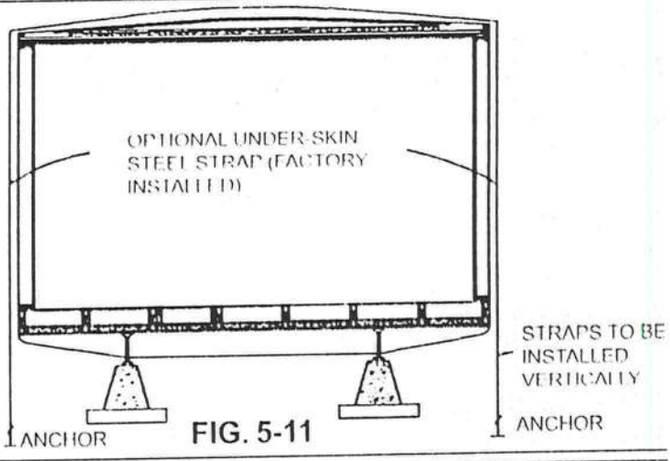


FIG. 5-11

sert end of the strap through the slot on the splice device, allowing f strap to extend through the device.
ake a 180 degree bend in the strap and slide a strap seal over the le thickness of strap, positioning the strap seal as close to the e device as possible. Compress the strap seal on the strap with a f vise grip pliers or hammer, or crimp strap seal with an A-B ice crimping tool. (Make all bends in the strap as sharp as ible by crimping with vise grip or larger pliers).
end strap back over the seal and insert back through the slot on plice device. Flatten bend with vise grip pliers or hammer.
epeat steps 1 through 3 with the mating strap. Draw the leted assembly down to the ridge beam by tensioning the strap in round anchor.

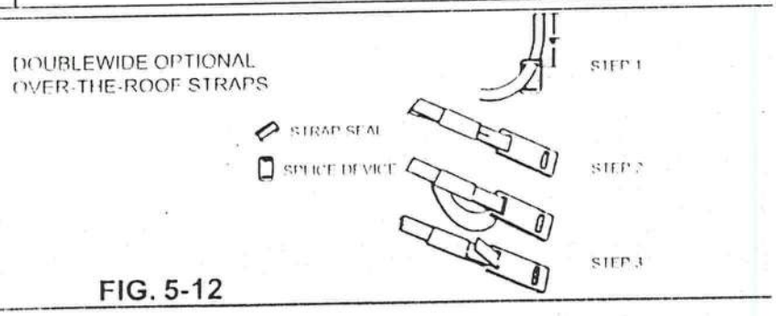


FIG. 5-12

MANUFACTURED HOME TIE-DOWN INSTRUCTIONS

support system must also resist lifting, sliding, and rning forces resulting from side winds. A method used stall ground anchors and tie-down straps in addition to ers. Tie-downs as described are the minimum neces- the home is to withstand its design loads without ation. On multi-section homes, sections must be ed together and level before tie-down straps are in-

WARNING

RE GROUND ANCHOR INSTALLATION, DETER- THAT THE ANCHOR LOCATIONS AROUND THE WILL NOT BE CLOSE TO ANY UNDERGROUND TRICAL CABLES, WATER LINES OR SEWER PIP- FAILURE TO DETERMINE THE LOCATION OF RGROUND ELECTRICAL CABLES MAY RESULT IN US PERSONAL INJURY OR DEATH.

IN THE FRAME TIE-DOWN SYSTEM, IT IS IMPOR- TO USE MATERIALS OF PROPER DESIGN AND OF JATE QUALITY. THE MATERIAL SPECIFICATIONS AINED HEREIN SHOULD BE CONSIDERED AS *UM* REQUIREMENTS.

ials not furnished with the home which will be neces- complete the tie-down system must meet the require- et forth below. Such materials would include:

e or steel strap with a breaking strength of at least ounds e.g. galvanized aircraft cable at least 1/4" r or Type 1, Finish B, Grade 1 steel strapping 1-1/4" d 0.03" thick, conforming with ASTM D3953-91.

anized connection devices such as turnbuckles, ; strap buckles, and cable clamps should be rated at orking load minimum.

nd anchors — capable of withstanding at least a ound pull. Anchors must be installed as specified by ior manufacturer. Stabilizers or concrete collars may red by anchor manufacturer.

ME MUST BE IN ITS FINAL LEVEL POSITION TO TYING IT DOWN.

ocedure for tying down the manufactured home is as

on and install the ground anchors under exterior that the final strap angle and height (H) will be within shown in tables 5 thru 6C.

ect the straps to the frame and ground anchors (See and 5-10). Straps wrapped around the I-Beam as shown in Fig. 5-9 require protection from premature failure due to sharp corners. Fig. 5-9A illustrates one method to protect against sharp corner damage. Other methods (such as beam clamps — Tie-Down Engineering part no. 59003 o equivalent) approved by the local building authority having jurisdiction may be used.

3. Tighten the straps using the tensioning device provided with the ground anchors. Use caution to avoid overtensioni the straps which might pull the home off the piers. It is recommended that all straps be tightened only enough to remove slack. Then, after all straps are installed and the slack removed, tension the straps.

4. The strap tension should be rechecked at frequent intervals until all pier settlement has stopped.

CAUTION: DURING THE RELEVELING PROCESS, DO NOT JACK THE HOME AGAINST TIGHT STRAPS.

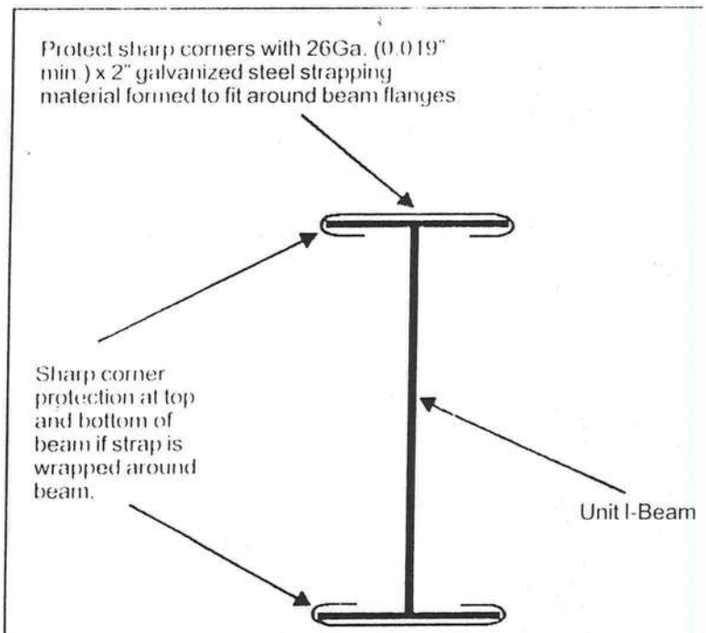


FIG. 5-9A

DOUBLE-WIDE INTERCONNECTION (Continued)

OTE: IT IS IMPORTANT TO HAVE ROOF/CEILING ECTIONS FLUSH AT MATING LINE PRIOR TO FASTEN-G OF RIDGE BEAM HALVES. IF THEY ARE NOT FLUSH, HEN THE LOW SIDE SHOULD BE RAISED BY JACKING ITH A WOOD POST OR STEEL PIPE WITH A WOOD OR ETAL PAD AT THE CEILING. PLACE THE BASE OF THE ACK ACROSS THE FLOOR MATING LINE SO THAT IT ESTS ON BOTH HALVES. JACK AGAINST CEILING NLY IN AREAS WHERE THERE IS NO MARRIAGE WALL.

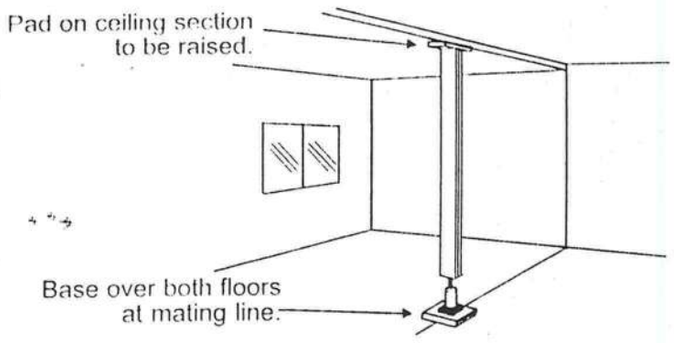


FIG. 5-8

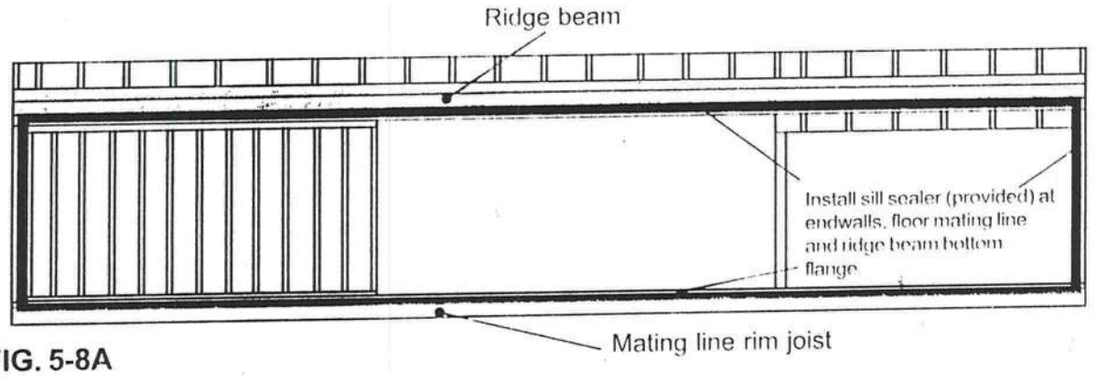
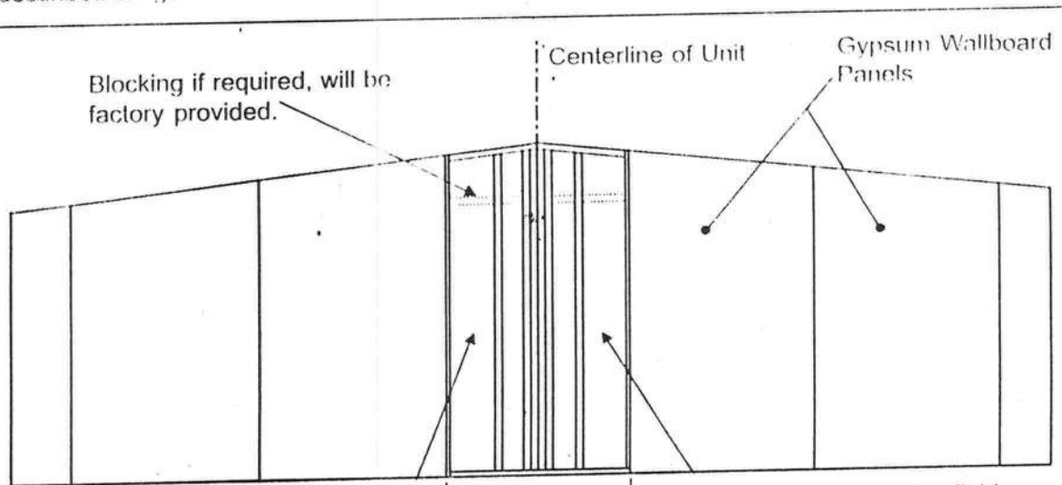


FIG. 5-8A

ATTACHMENT OF GYPSUM PANELS AT DOUBLE-WIDE CENTERLINE

Some multiple-wide units will have a gypsum panel left off at the centerline for field attachment. Fasten the factory lied gypsum wallboard panel(s) at the center of the endwalls after the units have been attached. Fasten the panel(s) to t raming as described in figure 5-8B below.



INTERIOR VIEW

FIG. 5-8B

DOUBLE-WIDE INTERCONNECTION

ocedure for connecting the homes is as follows.

move the temporary closure materials (polyethylene atten strips) and position the halves as close together as le in the final desired location. Do not remove tempo- eam supports until step 7 has been completed.

ve the first section of home into its desired position. and level it in the same manner as described for a section home. Skyline Corp. recommends, if possible, avy half be blocked and leveled first as it is easier to lift ll the light half and fit into place.

tall sill sealer insulating material (provided) around the (to the ridge beam at the ceiling panel line), endwalls or mating line. Fasten sill sealer with staples or nails. jure 5-8A.

le the two halves together with rolling and jacking nent. Care must be taken during rolling and jacking ions to avoid overstressing structural members. With lves together at the floor, align the floors at the ends of me. It is better to have a minor misalignment under the where it cannot be seen and will not cause a problem, small misalignment that will be observed in the interior home.

h the home aligned at the floor and supported by its tion, join the floors using 3/8" x 3" (4-1/2" lags with perimeter joist) lag screws 2 to 3 feet on center. The ine gap at the floor should be a maximum of 3/16". e procedures outlined on page 19 to level the home eck supports and footings with tables 2 and 3.

btain access into the ceiling cavity to bolt or alter- lag screw the ridge beam sections together, fold back lerlayment paper and remove the 16" wide sheathing s) at the peak. Note that the shingles may not have nstalled on one or both halves, at the 16" wide area at the peak. If one side is shingled, it is intended that the beam be lag screwed together. If neither side is shingled, the bea may be lag screwed or bolted together. Bolts to be 3/8" x 4 1/2" at 48" o.c. with 3 additional bolts at 3" o.c. over interior beam supports. Lag screws to be 3/8" x 5" at 24" o.c. with 6 additional lag screws at 3" o.c. over interior beam supports (If marriage walls and ridge beam halves have been plated with 3/8" sheathing, then the bolts/lags must be increased i length by 3/4" to 5-3/4".) Predrill 1/4" pilot holes for the lag screws at 1-1/2" down from the top of the beam and with a maximum offset from the horizontal of 45 degrees. A gap between beam halves up to 1" is allowable. Gaps larger th 1/2" must be filled with plywood or lumber shims. For 1/2" max gaps, increase fastener length 1/2". For 1" max. gaps increase fastener length 1-1/4". See Fig. 5-7.

7. Prior to interconnecting the ridge beam halves, examine the ridge beam ends. Should there be a slight misalignmen it can be eliminated by placing a jack under the low side of main beam on one half and use the jack to raise the beam. The alignment can be held by properly bolting or lag screwi the beam halves together. See Fig. 5-8.

8. Place additional pier supports at the centerline at the interior column locations marked on the floor with indicator straps or paint (see Figure 5-3 and 5-4 and Table 3). Skylin Corp. provides pier location diagrams for all multiwide mod els. These diagrams show the required locations of piers a are very useful in determining pier placement prior to takin receipt of home. Additional piers are required each side of exterior doors and sidewall openings greater than 4' in width See Table 3A for these pier load requirements.

9. Toe-nail endwall centerline studs together using 16d nail 10" o.c.

10. If home has double mating walls, then fasten the matin wall columns together with #8 x 4" screws 16" o.c. See Figure 5-7A.

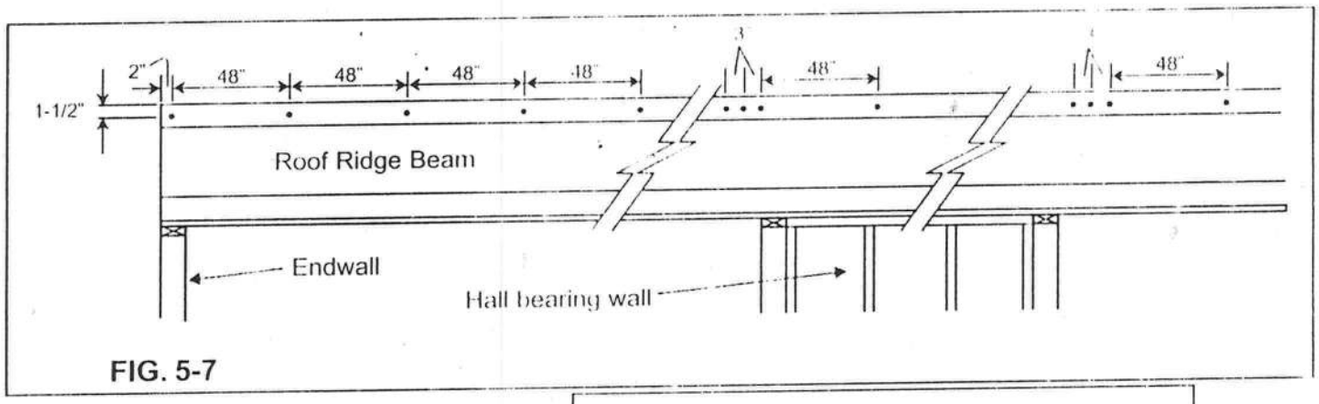


FIG. 5-7

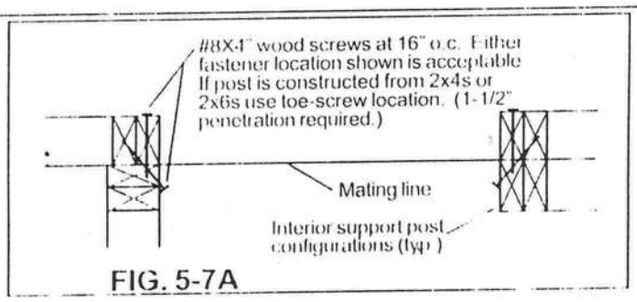


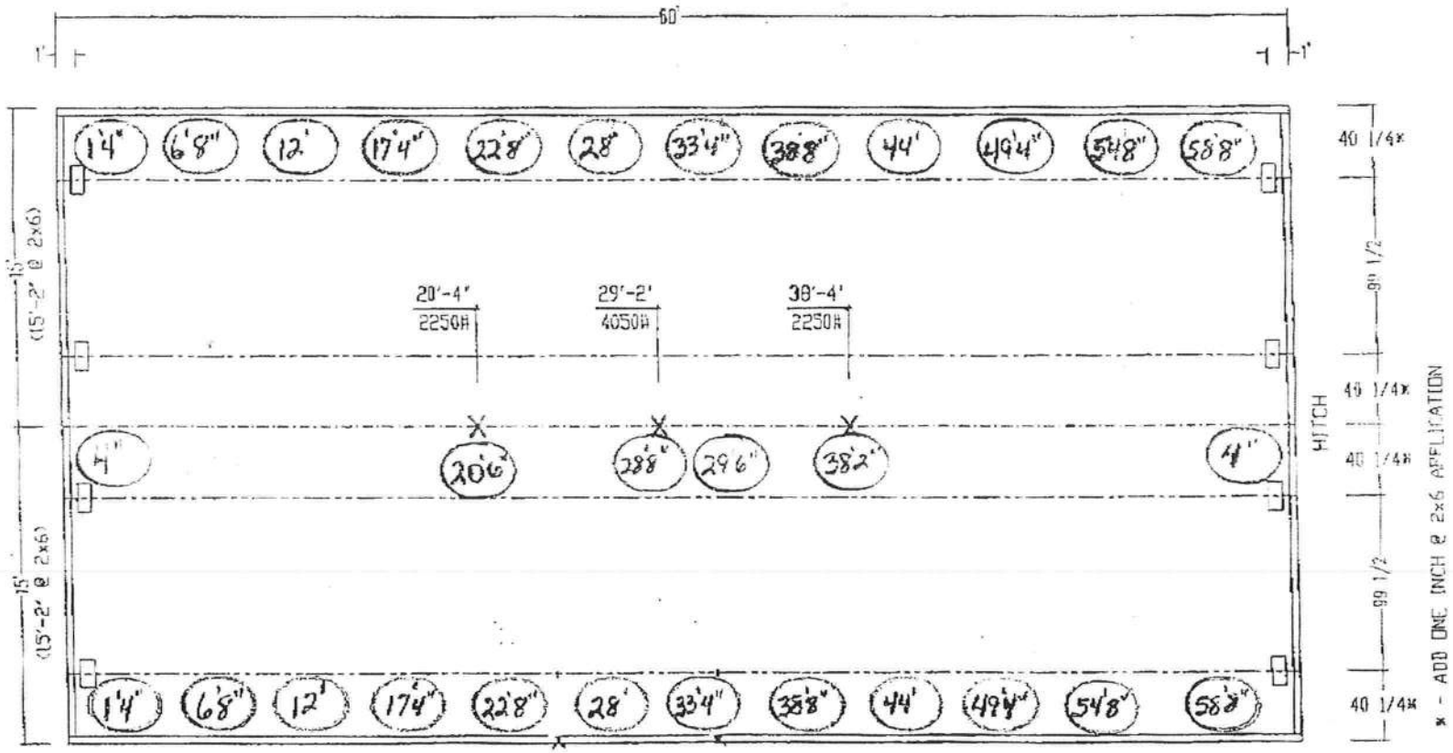
FIG. 5-7A

APPROVED
PFS Corporation
Madison WI
01/31/05
HUD Manufactured Home Construction & Safety Standard

5701 CTL
60X32

ZONE II only

2-24-03
DMJ



FLORIDA ONLY PIER POINT LAYOUT (PIERS @ I-BEAM & CENTERLINE WITHOUT PERIMETER FOUNDATION)

30 PSF ROOF ZONE

X COLUMN SUPPORTS - SEE ABOVE DIAGRAM FOR LOCATIONS & LOAD REQUIREMENTS @ 20# ROOF ZONE. SEE TABLE 4 OF INSTALLATION MANUAL FOR FOOTING SIZES.

☐ I-BEAM PIER SUPPORTS - 8' MAX. SPACING - SEE INSTALLATION MANUAL TABLE 2 FOR SPACING AND TABLE 4 FOR FOOTING SIZES.

NOTE - CONTACT MANUFACTURING DIVISION FOR LOCATION OF OPTIONAL PATIO DOORS OR OTHER LARGE OPENINGS.

DIVISIONS				
101	841	552		
1121	844	559		
115	345	571		
125	356	591		
151	526	612		
143	X 551			
163	535			
171	536			
181	538			

REVISIONS

BOX LENGTH	DESCRIPTION
60'-0"	6032-3CK-2B-CATH

SKYLINE

DRAWN BY: VJH | WIND ZONE: N/A
DATE: 02/24/2003 | ROOF ZONE: 20#
SHEET ____ OF ____
DRAWING NUMBER
5701-CTL

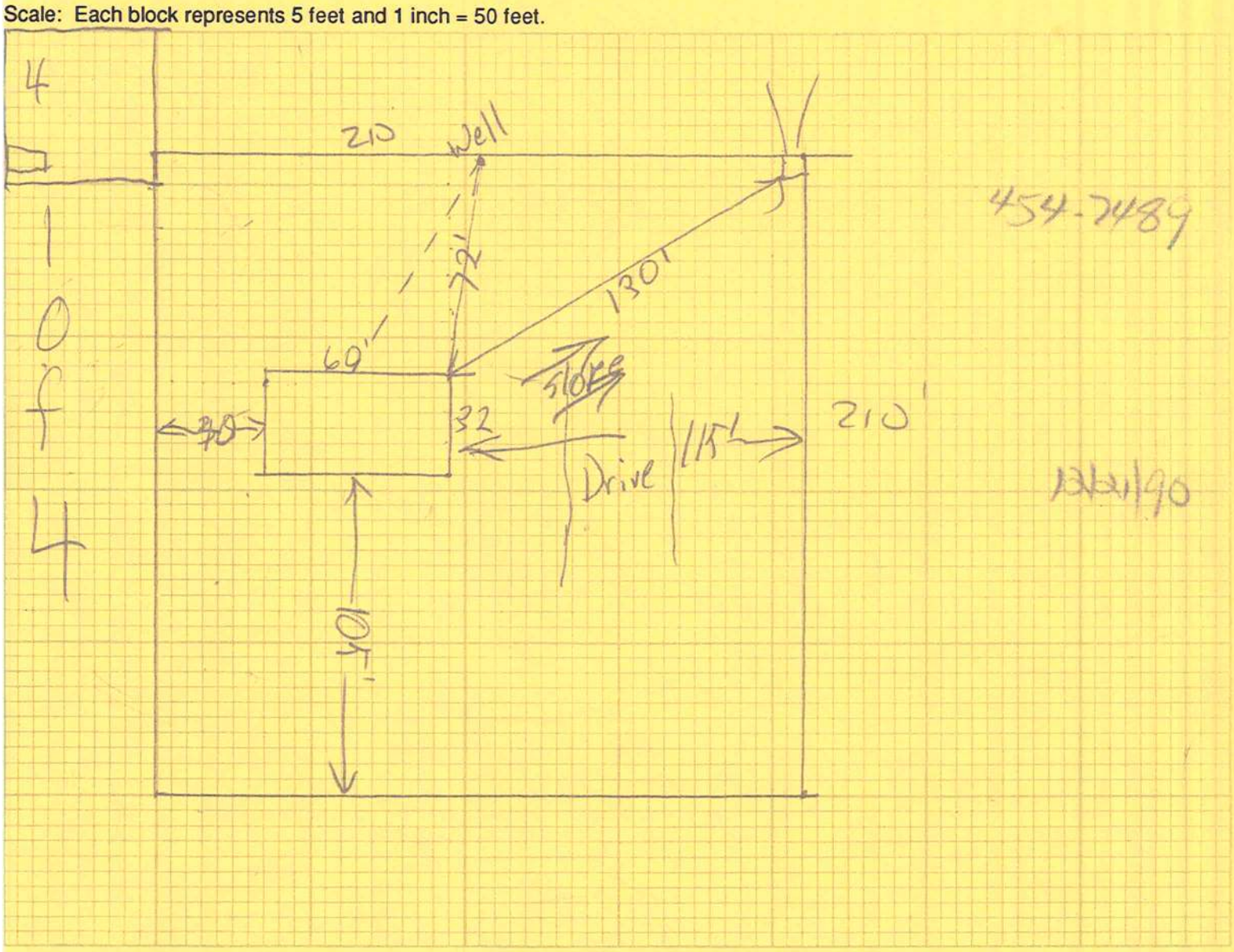
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-1157E 05-1157E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Michael O. Taylor (Signature) ~~11-14-05~~ (Title)

Plan Approved ✓ Not Approved _____ Date 11-14-05

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT